



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

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April 21, 1994

Dear Water Users:

RE: Water Supply Update
-Interim Utah Lake Management Plan

Enclosed is the latest Water Supply Update for the interim distribution plan. Based on the Central Utah Water Conservancy District not using their water in Utah Lake this year, all system storage retained in upstream reservoirs is now eligible for conversion to priority storage and is no longer subject to call by the rights in Utah Lake.

It is acknowledged that the converted system storage in Jordanelle Reservoir may be released to Deer Creek Reservoir under the Memorandum of Understanding governing the continued filling of Jordanelle Reservoir during the 1994 distribution season (MOU dated October 29, 1993). The Water Supply Update will account for such releases when they occur.

Each Water Supply Update accounts for any corrections (for any day in the entire distribution season) made since the last update. The February update failed to include releases of Deer Creek Reservoir fish storage water and transmission losses on Deer Creek Reservoir imports. These quantities are now included. However, an error remains in the total Deer Creek Reservoir Water Usage entry. This will be increased by an estimated 471 acre-feet when the Commissioner's records are officially updated. This will cause an equal increase in the amount of system storage in Deer Creek Reservoir.

The total dissolved solids (TDS) data is provided by the Salt Lake County Water Conservancy District. The TDS samples were collected from the Jordan River at the Jordan Narrows.

If you have any questions regarding the enclosed data, please feel free to contact this office.

Sincerely,

Robert L. Morgan, P.E.
State Engineer

RLM:BA:bd

Enclosure

WATER SUPPLY UPDATE

INTERIM WATER DISTRIBUTION PLAN

UTAH LAKE DRAINAGE BASIN

APRIL 1994

* Values are in acre-feet. Data is for the period November 1, 1993 to the end of report month, unless otherwise denoted *

DEER CREEK RESERVOIR

Priority Storage from Previous Year (including inactive storage)	104,651
Duchesne Tunnel	4,546
Weber-Provo Canal	10,462
A12141 & A12144	0
a1902 & a1903	0
Converted System Storage	42,940
Deer Creek Reservoir Water Usage	-28,972
Evaporation	-1,406
Total Priority Storage	132,221
System Storage	0
Total Storage	132,221

JORDANELLE RESERVOIR

Priority Storage from Previous Year (including inactive storage)	47,615
E398	0
Converted System Storage	29,686
Jordanelle Reservoir Water Usage	0
Evaporation	-686
Total Priority Storage	76,615
System Storage	0
Total Storage	76,615

UTAH LAKE

Inactive Storage	160,000
Primary Storage	125,000
Weber River Exchange Water:	
Storage from Prior Year	24,923
Weber River Imports	0
Return Flow Credit	0
Exchanged Upstream	-0
Evaporation	-688
	24,235
Strawberry Exchange Water:	
Storage from Prior Year	242
Strawberry Imports	4,323
Exchanged Upstream	-0
Evaporation	-92
	4,473
System Storage:	
Storage from Prior Year	280,002
Lake Inflow	269,850
Evaporation	-85,909
Primary Right Releases	-4,830
Secondary Right Releases	-706
	458,408
Total Storage	772,115

TOTAL SYSTEM STORAGE

458,408

UTAH LAKE STATUS REPORT APRIL 1994

